

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088173.D
 Acq On : 20 Jun 2016 15:33
 Operator : UM/SJ
 Sample : PB91373BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91373BL

Quant Time: Jun 20 18:23:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	86107	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	353328	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	162535	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	328155	20.00	ng	0.00
75) Chrysene-d12	13.81	240	285947	20.00	ng	0.00
86) Perylene-d12	15.18	264	212567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	580300	115.21	ng	0.01
7) Phenol-d6	6.32	99	699863	114.65	ng	-0.01
23) Nitrobenzene-d5	7.23	82	418228	69.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	159809	93.12	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	831154	80.01	ng	-0.01
78) Terphenyl-d14	12.77	244	892394	71.02	ng	0.00

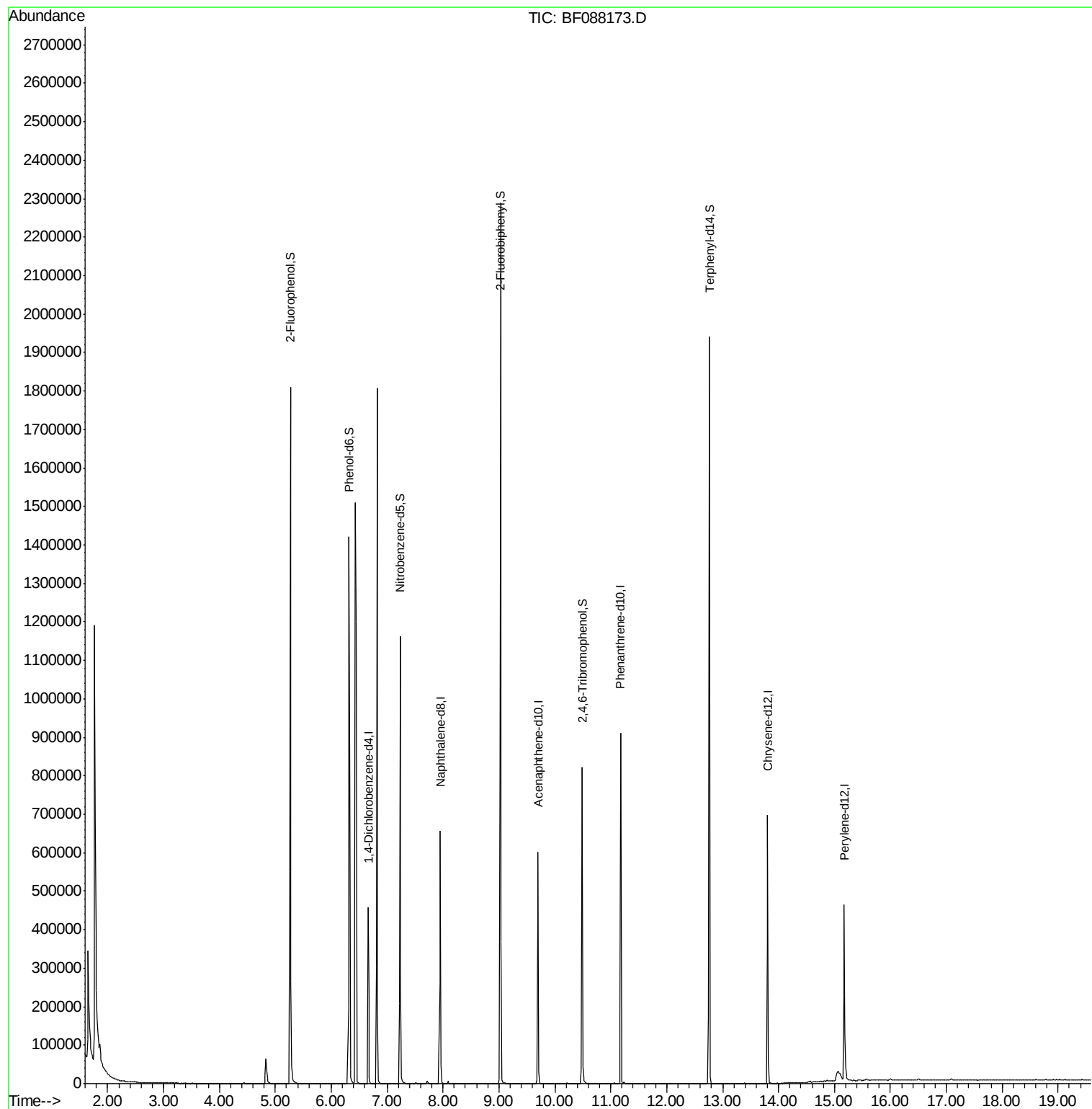
Target Compounds Qvalue

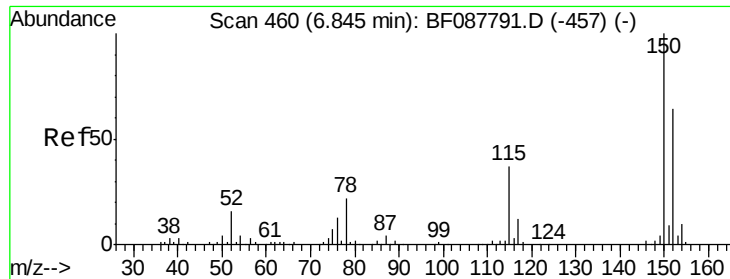
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088173.D
Acq On : 20 Jun 2016 15:33
Operator : UM/SJ
Sample : PB91373BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91373BL

Quant Time: Jun 20 18:23:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088173.D

Acq: 20 Jun 2016 15:33

Instrument :

BNA_F

ClientSampleId :

PB91373BL

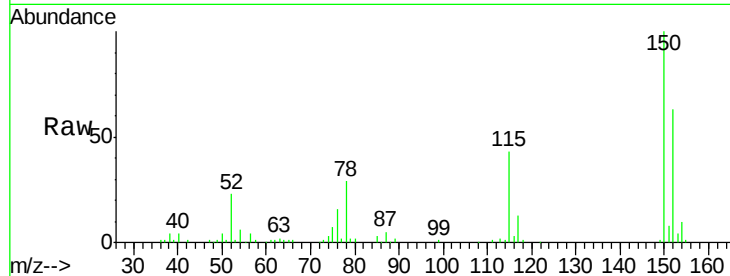
Tot Ion:152 Resp: 86107

Ion Ratio Lower Upper

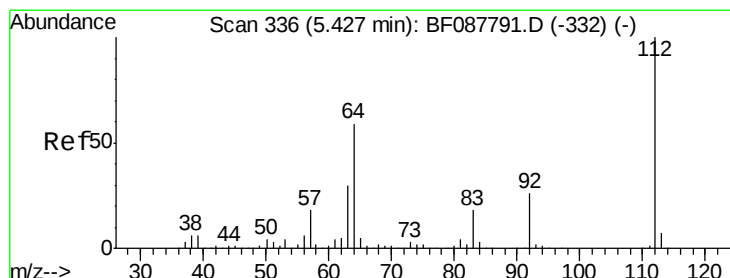
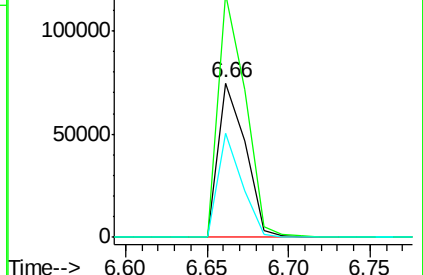
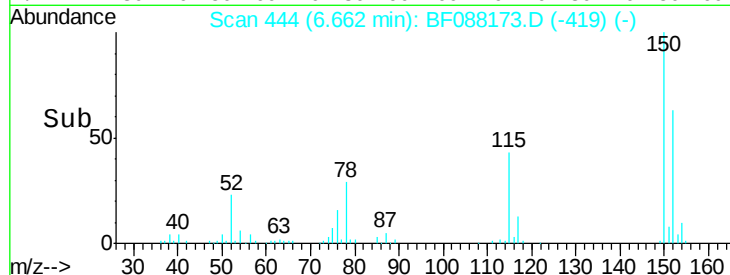
152 100

150 157.6 123.8 185.6

115 67.8 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 115.21 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088173.D

Acq: 20 Jun 2016 15:33

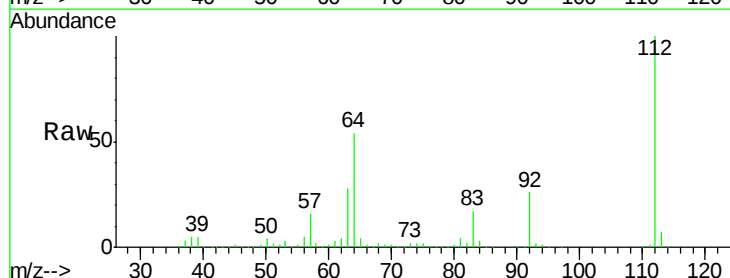
Tgt Ion:112 Resp: 580300

Ion Ratio Lower Upper

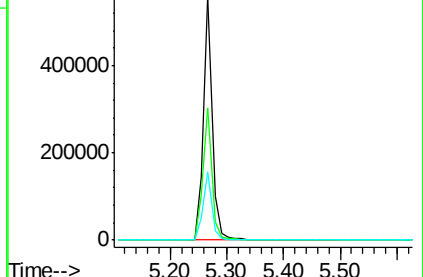
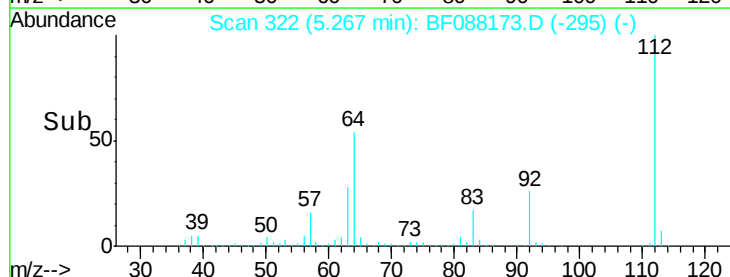
112 100

64 54.2 42.2 63.2

63 28.0 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.65 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088173.D

Acq: 20 Jun 2016 15:33

Instrument :

BNA_F

ClientSampleId :

PB91373BL

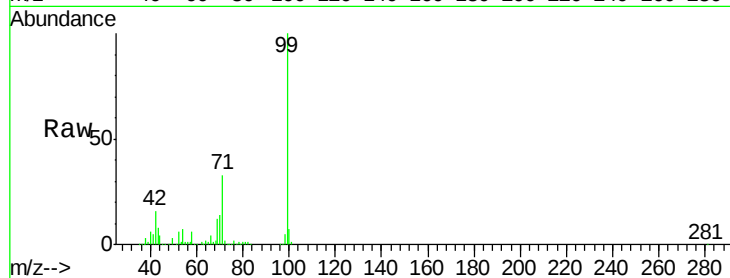
Tot Ion: 99 Resp: 699863

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

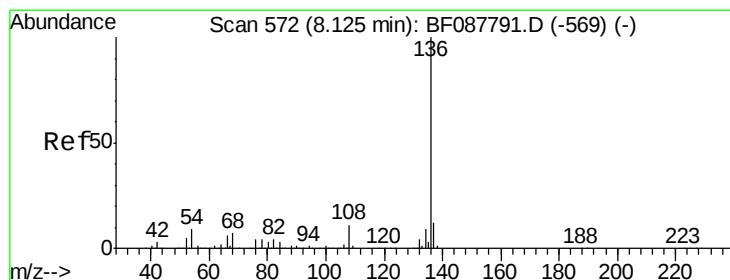
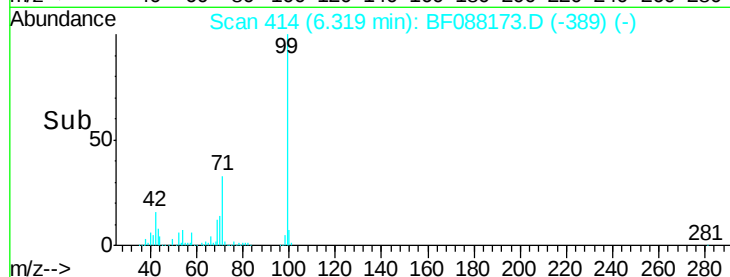
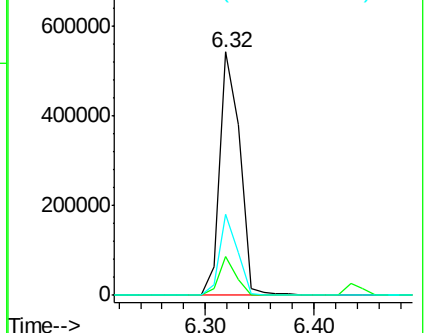
71 33.4 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088173.D

Acq: 20 Jun 2016 15:33

Tgt Ion: 136 Resp: 353328

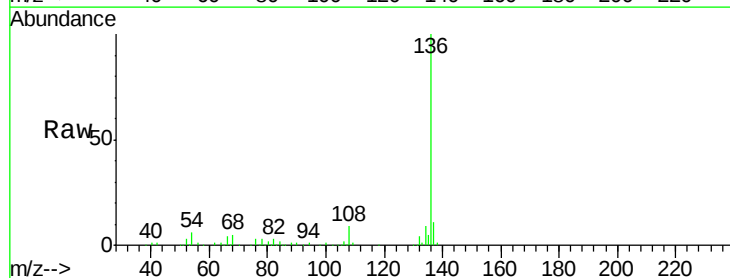
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.8 6.6 10.0#

68 5.1 5.1 7.7

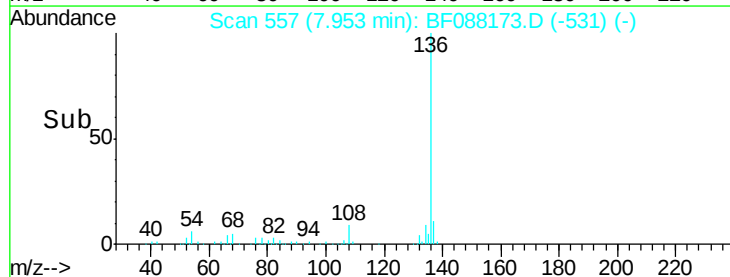
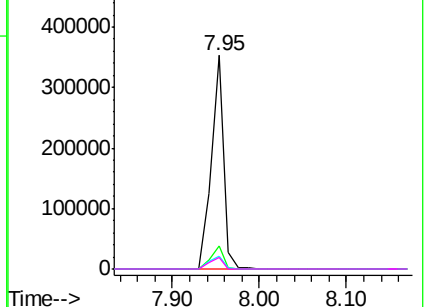


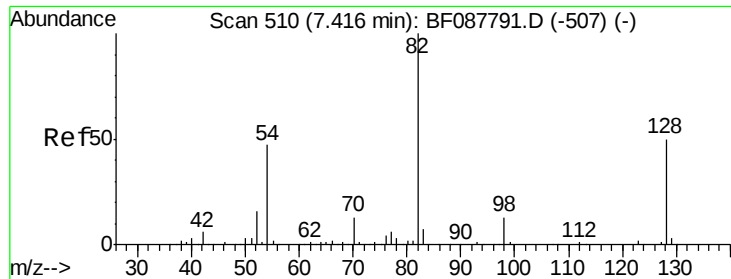
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

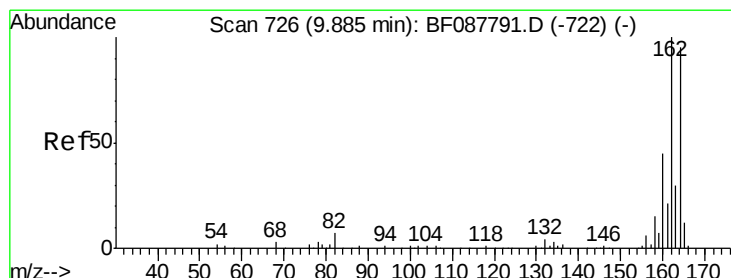
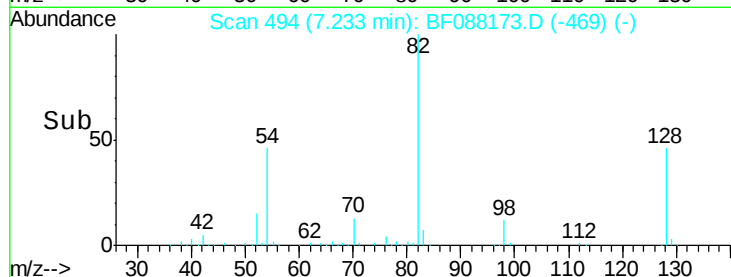
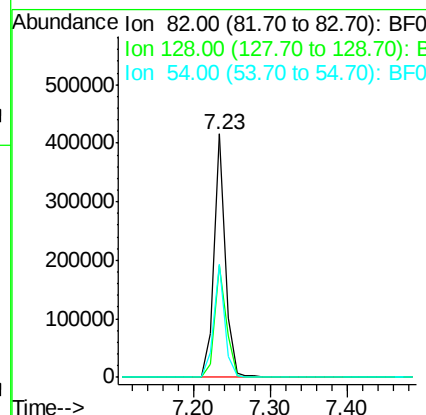
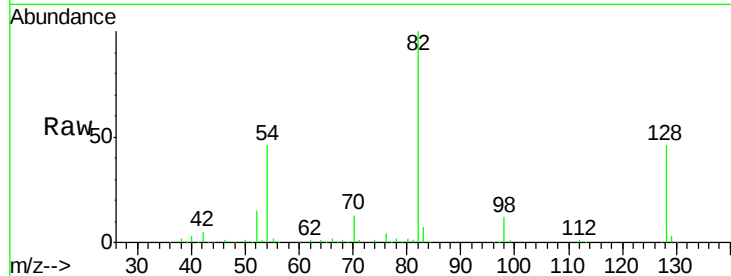




#23
 Nitrobenzene-d5
 Concen: 69.12 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088173.D
 Acq: 20 Jun 2016 15:33

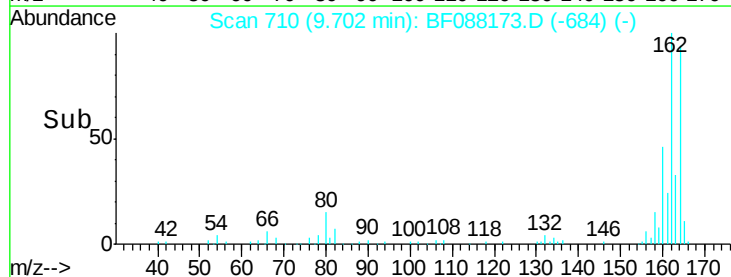
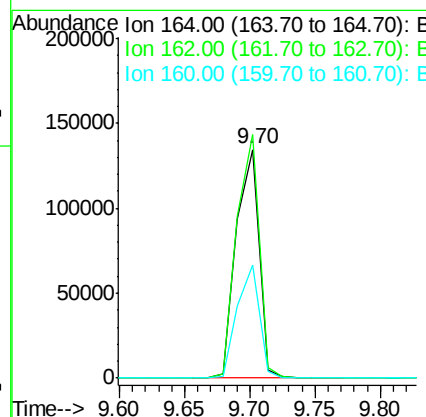
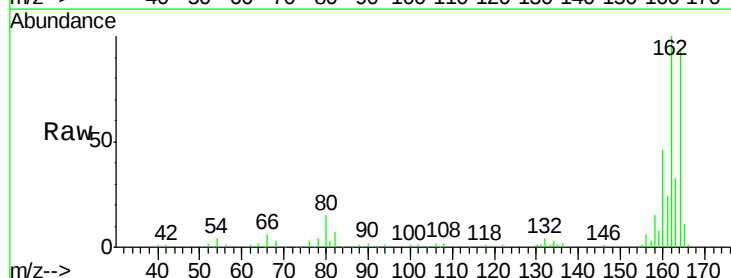
Instrument :
 BNA_F
 ClientSampled :
 PB91373BL

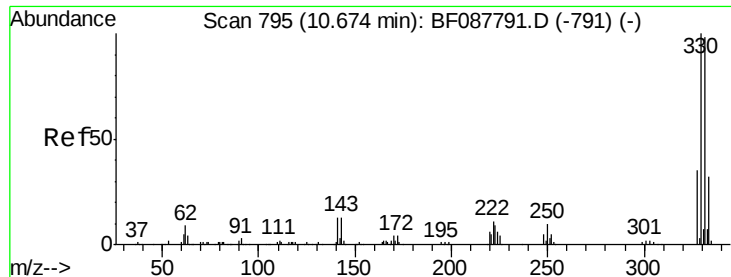
Tot Ion: 82 Resp: 418228
 Ion Ratio Lower Upper
 82 100
 128 46.0 35.9 53.9
 54 46.4 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088173.D
 Acq: 20 Jun 2016 15:33

Tgt Ion:164 Resp: 162535
 Ion Ratio Lower Upper
 164 100
 162 106.5 85.4 128.2
 160 49.2 39.5 59.3

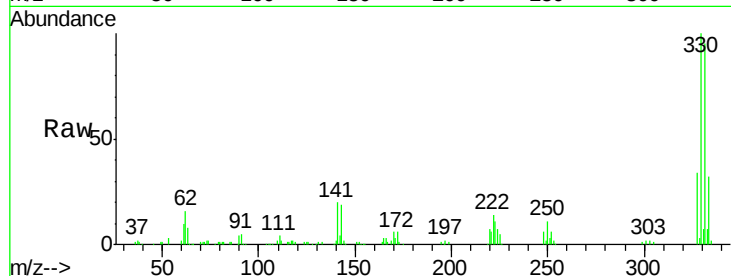




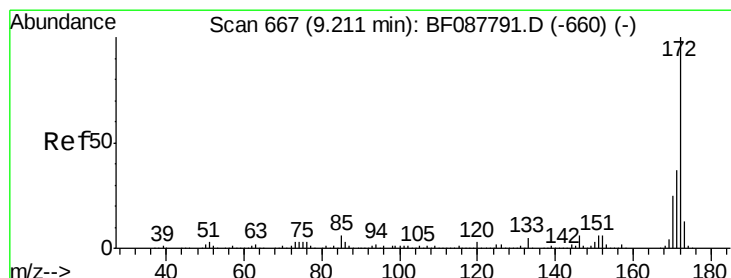
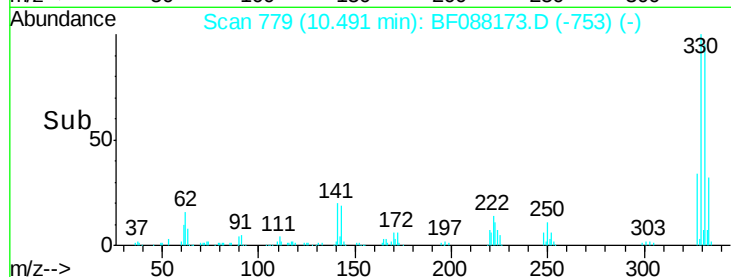
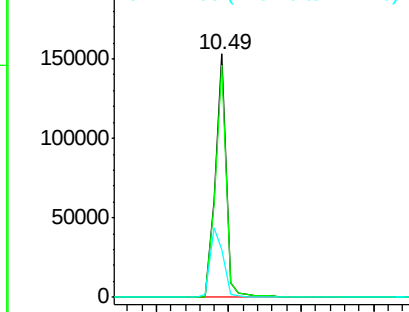
#41
 2,4,6-Tribromophenol
 Concen: 93.12 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088173.D
 Acq: 20 Jun 2016 15:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91373BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	34.5	0.0	0.0#

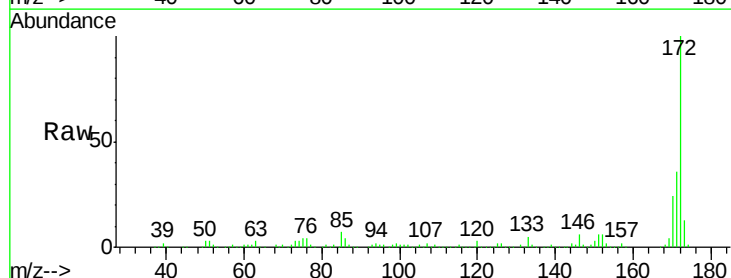


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

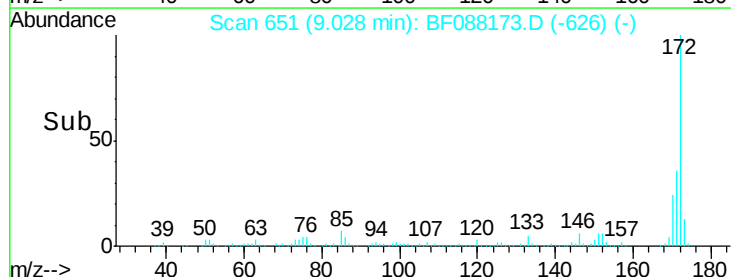
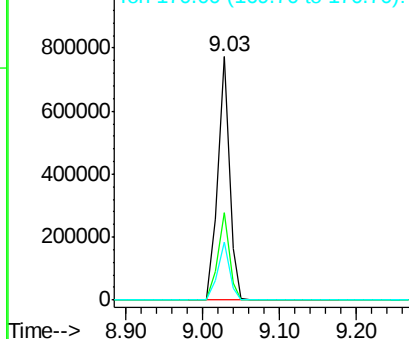


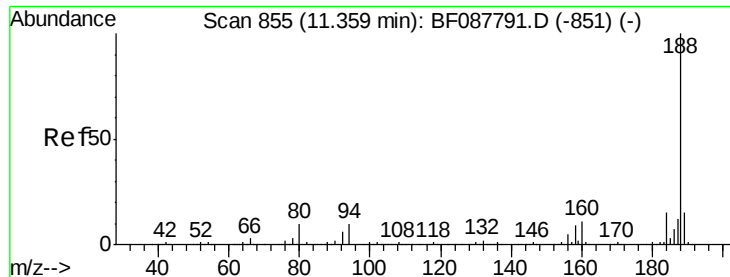
#44
 2-Fluorobiphenyl
 Concen: 80.01 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088173.D
 Acq: 20 Jun 2016 15:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.0	19.2	28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

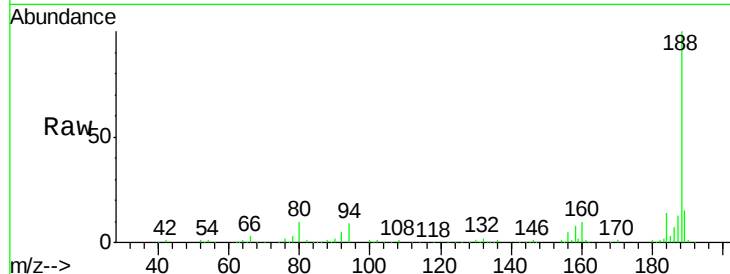




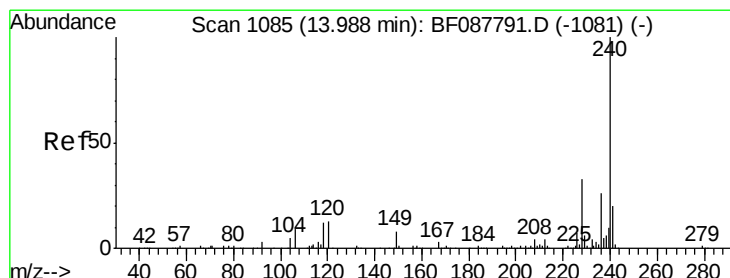
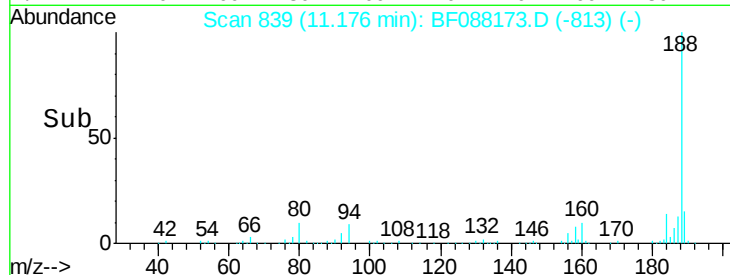
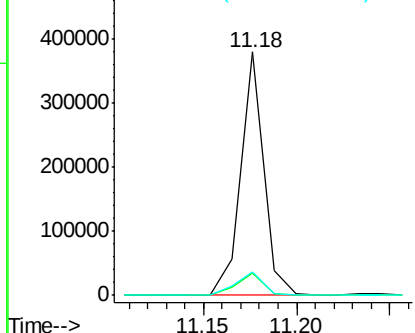
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088173.D
Acq: 20 Jun 2016 15:33

Instrument :
BNA_F
ClientSampleId :
PB91373BL

Tot Ion:188 Resp: 328155
Ion Ratio Lower Upper
188 100
94 9.3 9.0 13.6
80 9.7 10.0 15.0#

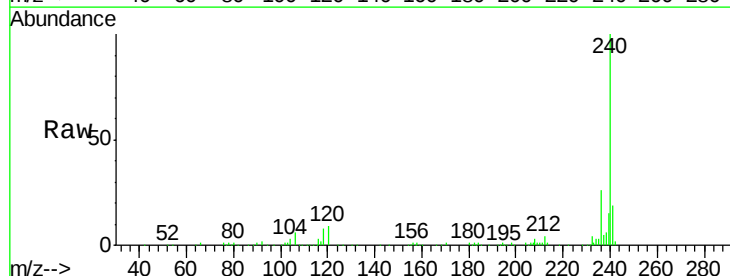


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

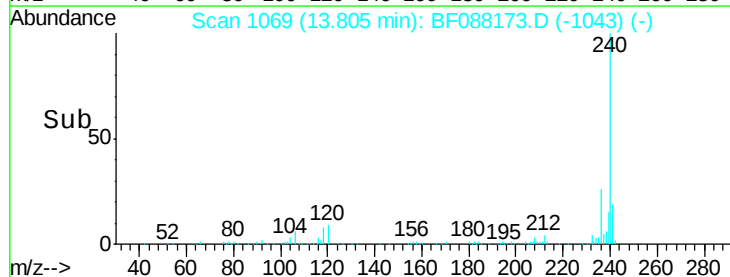
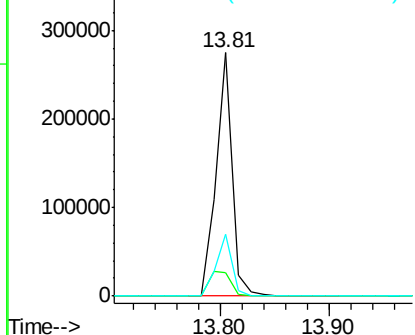


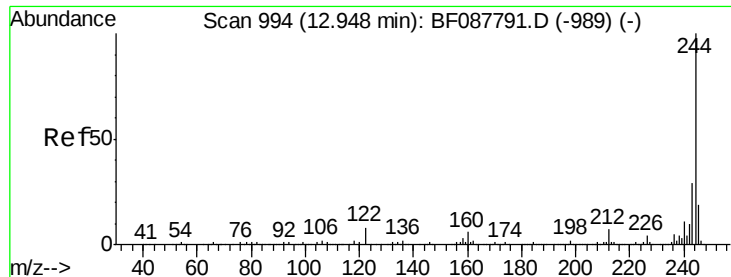
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088173.D
Acq: 20 Jun 2016 15:33

Tgt Ion:240 Resp: 285947
Ion Ratio Lower Upper
240 100
120 9.5 6.8 10.2
236 25.6 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

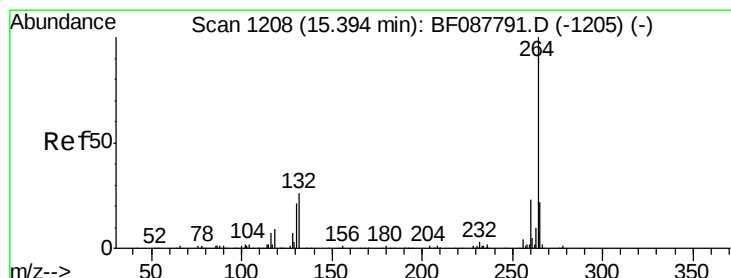
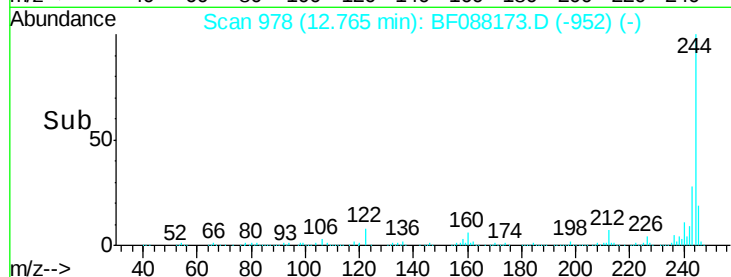
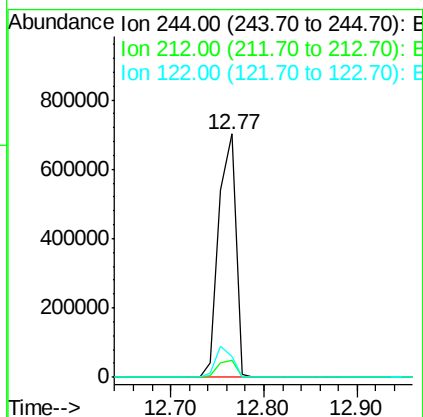
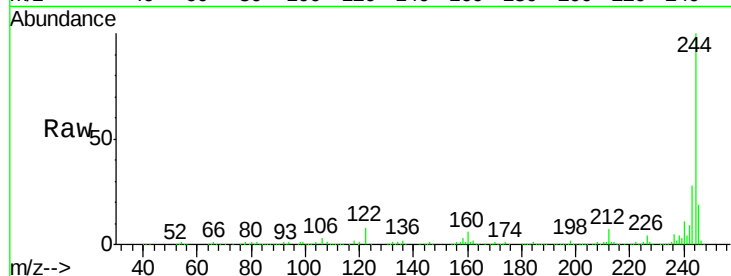




#78
 Terphenyl-d14
 Concen: 71.02 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088173.D
 Acq: 20 Jun 2016 15:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91373BL

Tot Ion:244 Resp: 892394
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.4 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088173.D
 Acq: 20 Jun 2016 15:33

Tgt Ion:264 Resp: 212567
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.9 16.9 25.3

